# 1H 2017 Results

1 August 2017















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# Agenda

1H 2017 Highlights 4

1H 2017 Results 10

Conclusions 17

Appendix 21





# 1H 2017 Highlights



#### Strong 1H results vs same period 2016 (+9.6% EBITDA):

- Better production compared to 1H 2016 (+1.6%), offset by lower than expected wind conditions in Italy, France and Spain
- Mitigated the impact of pound exchange ratio (- 9.5% YoY)
- Better prices in Italy (+14%), UK (+11%) and Spain (+112%)



#### Stable NFP and reduced financial charges

- Average interest rate 3.85% in 1H 2017 (down from 4.6% in 1H 2016)
- Strong performance by Vector Cuatro
- NFP below FY 2016 levels, primarily due to good cash flow generation
- Increase of useful life in wind and solar group assets (positive impact on net income)



#### Progress on pipeline and client services to support future growth

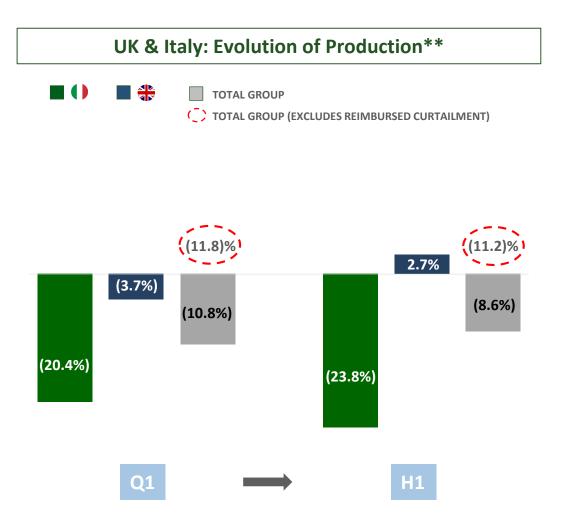
- Signed acquisition of two wind projects in Norway (70MW) + 125 MW pipeline
- Start up and agreement with local developer in the Netherlands for greenfield projects
- Vector Cuatro: reached 1,766 MW under management (of which 17% wind assets) in progress of ~ 35% since the Capital Market Day



# 1H 2017 Results Ahead of Expectations (€M)

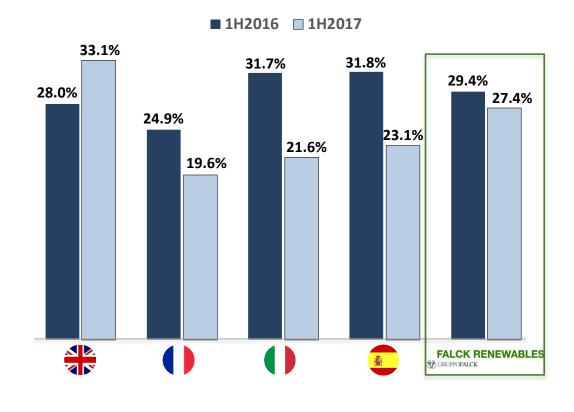
	1H2017	1H2016	YoY Change
REVENUES	141.0	128.6	+12.4
EBITDA % on revenues	78.2 55.5%	71.3 55.5%	+ 6.9
EBIT	43.9	35.7	+8.2
EARNINGS BEFORE TAXES	25.4	16.6	+8.8
NET EARNINGS	19.5	11.0	+ 8.5
GROUP NET EARNINGS	12.8	9.0	+ 3.8
NFP	(541.2)	(562.0) <sup>*</sup>	+20.8
INSTALLED CAPACITY	821 MW	760 MW	+61 MW
ENERGY PRODUCTION	1,000 GWh	984 GWh	+16 GWh

## 1H 2017 Wind Portfolio Performance



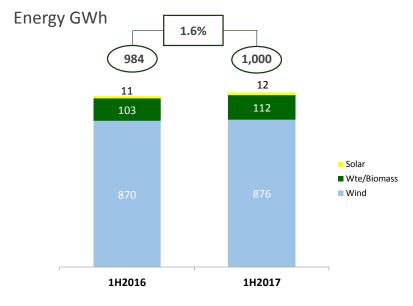
\*\* variation % vs internal Index of production

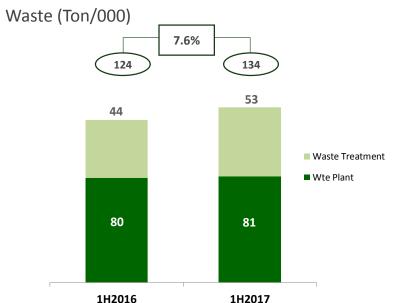
#### 1H 2017 vs 1H 2016: Load Factor\* by Country





## Production in 1H 2017 (Electricity & Waste)







Positive impact from strong wind conditions in June and full contribution from Kingsburn, Spaldington and Assel Valley wind farms. Auchrobert wind farm has been operational since April 2017.

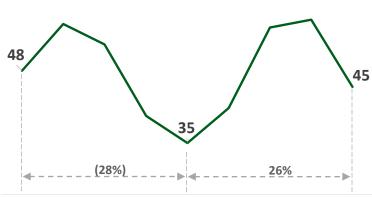


- Negatively impacted by lower wind conditions YoY
- Energy from waste/biomass better than year ago period primarily due to Biomass performance
- Increase in Waste treatment volumes
- Positive performance of solar



# Market Average Price

€/	M	Wł

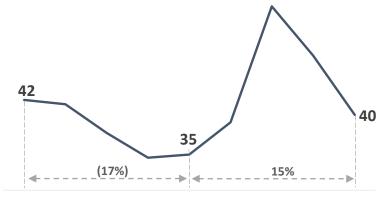


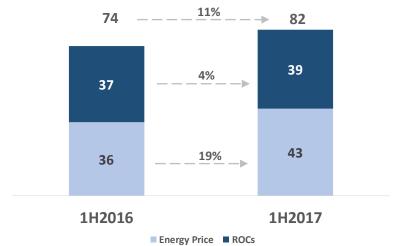


■ Energy Price ■ Green Certificate



Euro/MWh	1H2016	1H2017	Δ%
	91	92	-
鑫	24	50	112%





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WHOLESALE PRICE\*

PRICE

«GROUP»



# New useful life for Wind and PV plants

Falck Renewables portfolio is composed by a **young fleet** with a presence in 4 countries

**7 years** of average life

**Technical assessment** performed by experts through an analytical approach for the calculation of useful life **plant by plant** taking into consideration:

- Existing **technical conditions**
- Duration of planning **permissions** and **land leases**

**22,5 years** on average vs. **20 years** 

New **Depreciations** due to increased useful life applied from **1 January 2017** 

**€M 4.3** impact on **1H** 



# 1H 2017 Financial Highlights

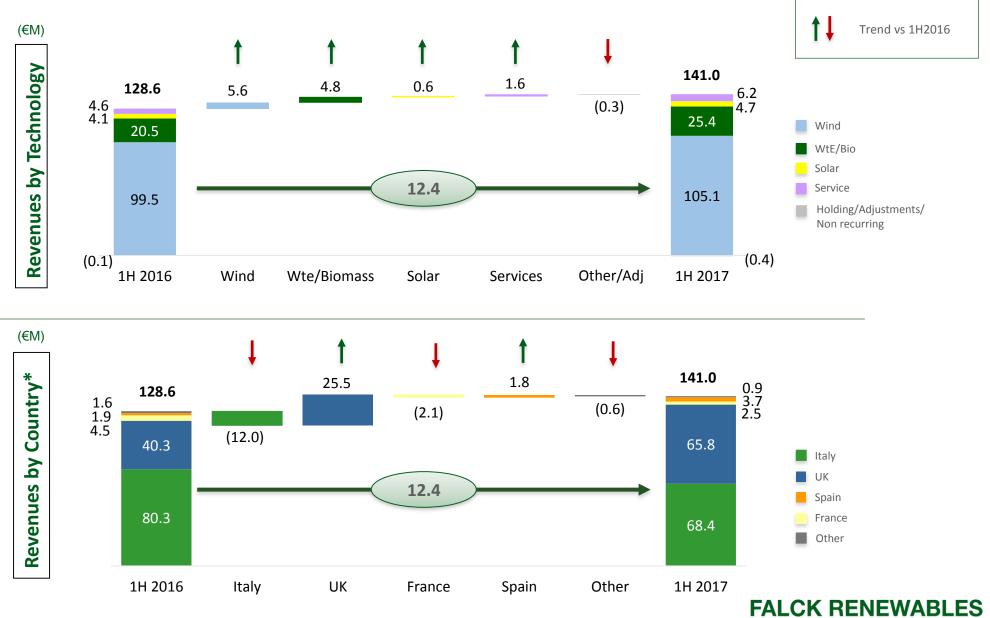
(€M)	1H2017	1H2016	
Revenues	141.0	128.6	9.6%
Other income	3.6	2.6	
Operating costs	(66.4)	(59.9)	
EBITDA	78.2	71.3	9.6%
% on Revenues	55.5%	55.5%	
Depreciation - Amortization - Write Off	(34.3)	(35.6)	
Operating result	43.9	35.7	22.9%
% on Revenues	31.1%	27.8%	
Financial income and charges	(19.6)	(20.0)	
Equity investments	1.1	0.9	
<b>Earnings Before Taxes</b>	25.4	16.6	53.1%
Taxes	(5.9)	(5.5)	
Net Earnings	19.5	11.0	76.6%
Minorities	6.7	2.0	
Group Net Earnings	12.8	9.0	41.9%

Breakdown (€M)	1H 2017	1H 2016
Depreciation	(29.1)	(32.1)
Provision	(4.8)	(3.5)
Write – off / Revaluation	(0.4)	

(€M)	END OF	END OF	
(GIII)	1H2017	2016	
Net Invested Capital	1,024	1,038	
Equity	482	476	
Net Financial Position	(541)	(562)	
of which: Proj. Fin. and MLT no recourse	(717)	(735)	
NFP excluding Derivatives Instruments	(492)	(503)	
NFP / Equity	1.12x	1.18x	



### 1H 2017 Revenues



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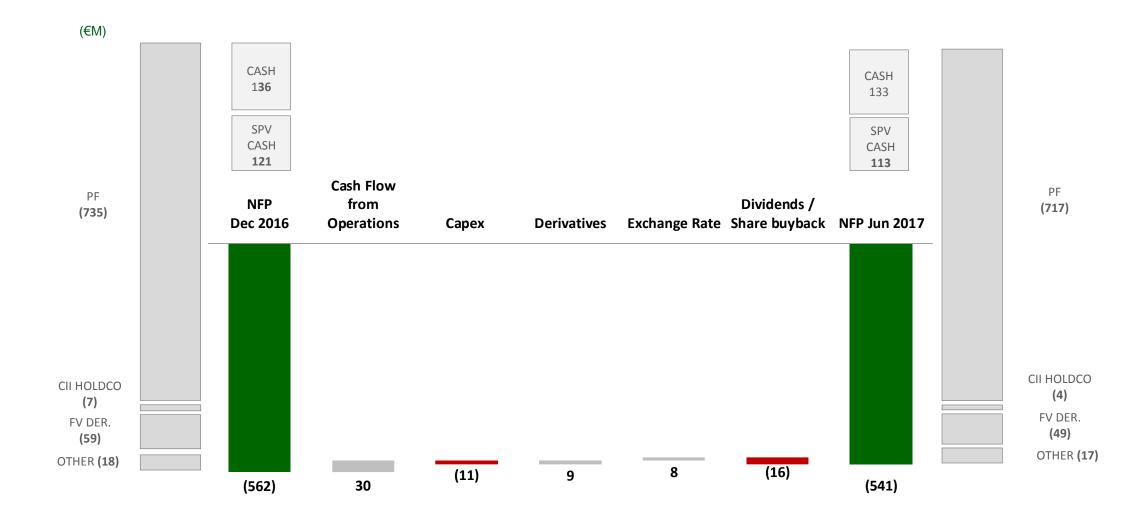
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# 1H 2017 EBITDA Bridge



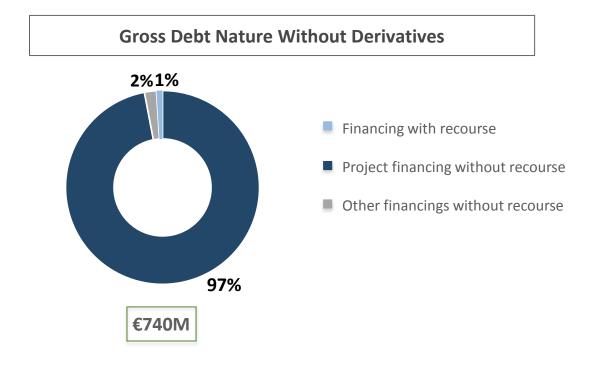


## 1H 2017 Cash Flow

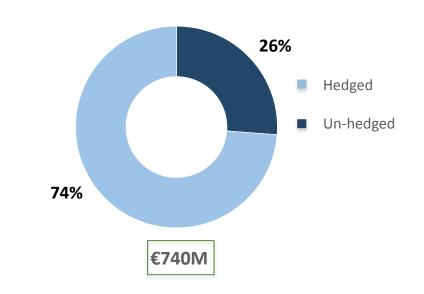




## 1H 2017 Debt Breakdown



### **% Gross Debt Without Derivatives Hedged**



Average interest rate of **3.85**% (including interest rate swap)





# Norway: a market with solid fundamentals

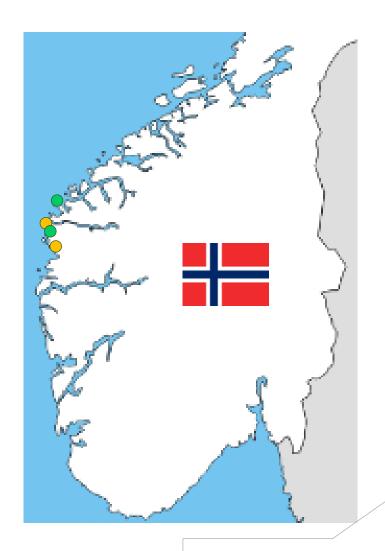
## ~70 MW

(Hennøy and Okla)
COD as early as end of 2019 depending on final investment decision



~ 125 MW

(option on projects under development)



- «AAA» country rating
- Liquid energy market
- Partners with significant track record in renewables

~ 3,500 wind hours expected

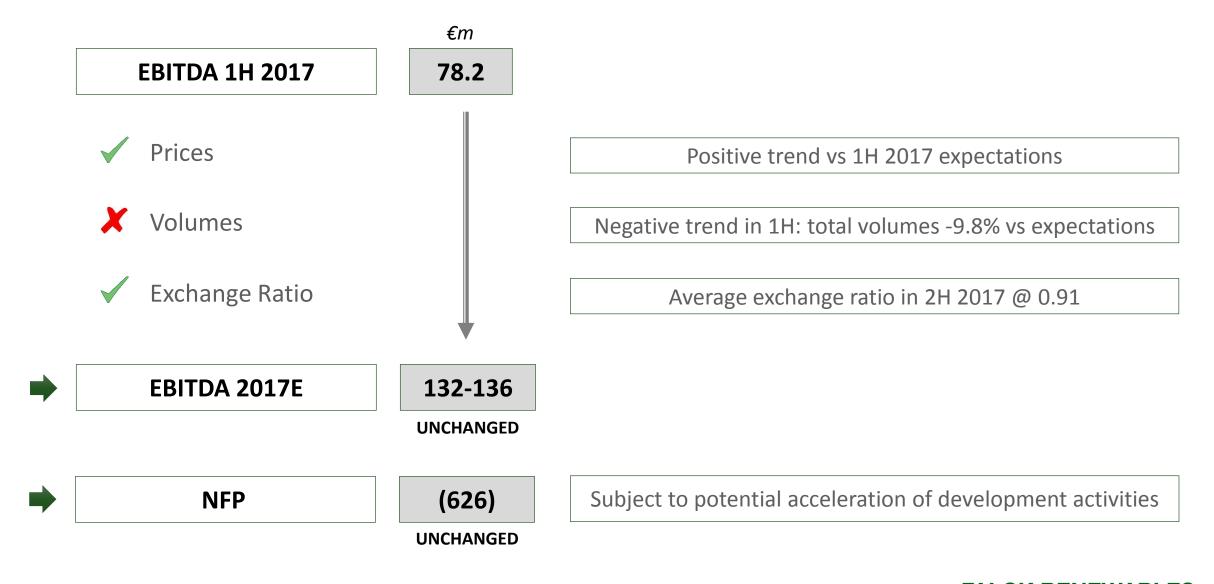
prices (hedge/PPA) with potential access to C&I sector

Market entry in partnership with local municipal utilities

One of the **lowest** onshore Levelized Cost of Energy (**LCOE**) in Europe



## Guidance 2017 confirmed





## Final remarks - On Track to Deliver 2017 Milestones

	Year 1 Milestone	Achieved	Next steps
	Initiate strategic expansion into select mature markets with strong	<ul> <li>Norway: acquisition of two consented projects (70 MW) + option on 125 MW under development</li> </ul>	New opportunities under evaluation
	fundamentals	• Started and staffed office in the US and Netherlands	
<b></b>	Achieve increased access to pipeline and partnerships with developers	<ul> <li>Netherlands: agreement with K&amp;P (local developer) to co-develop an initial pipeline of about 150 MW (onshore wind and solar)</li> <li>Strengthened business development management team</li> </ul>	New agreements under evaluation
0	Complement existing activities with service offerings in asset operations, management, and optimization	<ul> <li>Vector Cuatro: new opening in Dubai to increase assets managed for third parties</li> <li>Strengthened management team and reorganized business</li> </ul>	<ul> <li>Vector Cuatro: considering new high value add services (Performance improvement, Advance analytics, life extension)</li> <li>Scouting "clean energy web opportunities"</li> </ul>
0	Invest in team and technology to develop active energy management	<ul> <li>Started in-house dispatching for PV and WtE plants in Italy</li> </ul>	<ul> <li>Completion of assets dispatched in house in Italy by early 2018</li> </ul>
ń	Continue internal improvement programs aimed at reducing costs	<ul> <li>Acquired competencies in wind performance improvements areas</li> <li>Framework agreement with providers to reduce O&amp;M cost under discussion</li> <li>Reduction of financial charges</li> <li>Opex in control notwithstanding significant BD effort</li> </ul>	<ul> <li>Stronger investment in data analytics</li> <li>Innovative continuous ISP re-contracting</li> <li>New technology upgrades to increase availability and efficiency on turbines</li> </ul>
20			FALCK RENEWABLES  GRUPPOFALCK

# Appendix



## Calendar of Events

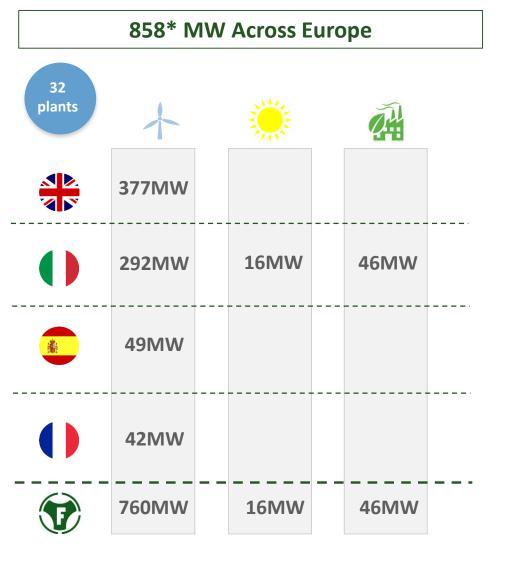
✓ 10 October 2017: STAR Conference, London

✓ 9 November 2017: 3Q 2017 Results

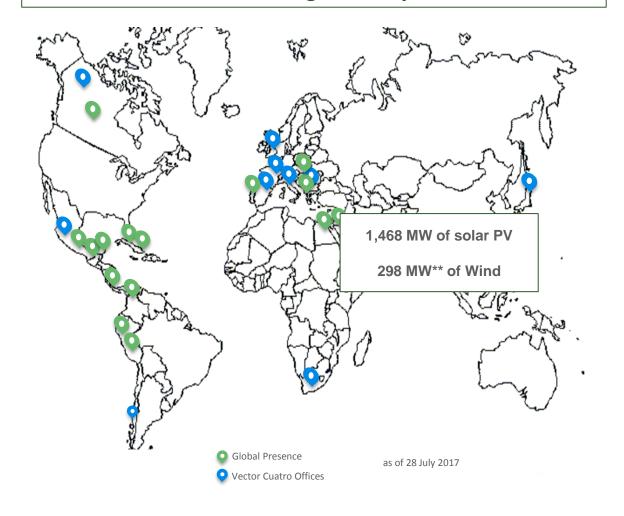
✓ 12 December 2017: Capital Markets Day



## Group Overview as of 30 June 2017



### 1,766 MW under Management by Vector Cuatro



<sup>\*</sup> Includes minority stake in La Muela (26%) wind farm and Frullo Energia
Ambiente (49%) for a total amount of 37MW



<sup>\*\*</sup> Includes Cabezo (23,2 MW) and France projects (42 MW)

# Installed Capacity and Production by Plants in 1H 2017

Plants	MW	Energy produced 1H 2017 (GWh)
Cefn Croes (Wales )	58.5	81
Boyndie (Scotland )	16.7	21
Earlsburn (Scotland)	37.5	55
Ben Aketil (Scotland)	27.6	42
Millennium (Scotland)	65.0	80
Kilbraur (Scotland)	67.5	89
Nutberry (Scotland)	15.0	28
West Browncastle (Scotland)	30.0	38
Spaldington (England)	11.8	13
Kingsburn (Scotland)	22.5	40
Assel Valley (Scotland)	25.0	36
Auchrobert (Scotland)	36.0	19
San Sostene (Italy)	79.5	73
Minervino Murge (Italy)	52.0	41
Buddusò – Alà dei Sardi (Italy)*	138.0	144
Petralia Sottana (Italy)	22.1	16
Ty Ru (France)	10.0	10
Fouy (France)	10.0	8
Cretes (France)	10.0	9
Esquennois (France)	12.0	9
Cabezo San Roque (Spain)	23.3	23
Rende (Italy)	1.0	1
Sicily (Italy)	13.1	10
Mesagne (Italy)	2.0	2
WTE Trezzo (Italy)	20.0	57
BIO Rende (Italy)	15.0	55

821.0

1,000

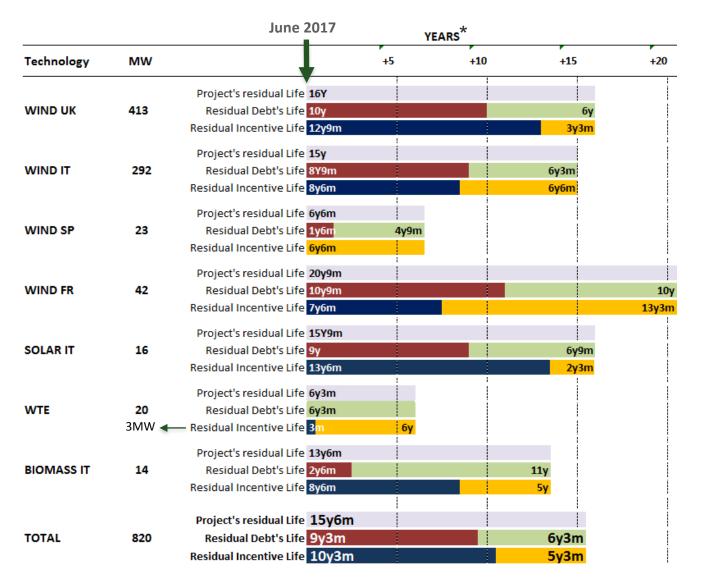


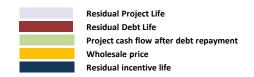
WIND

**SOLAR** 

**TOTAL** 

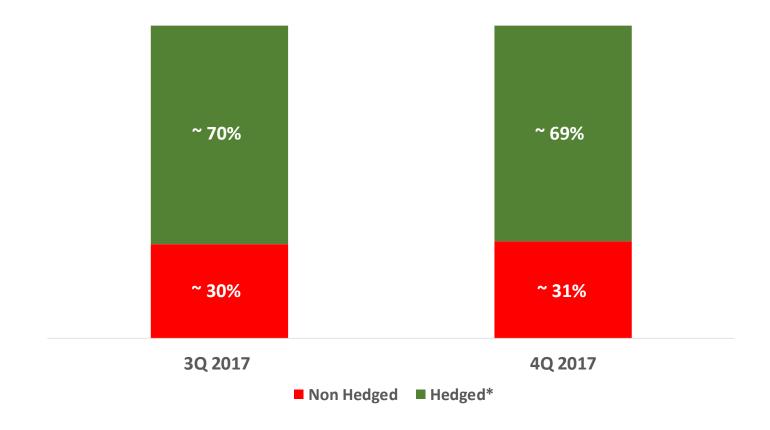
## Young Asset Base





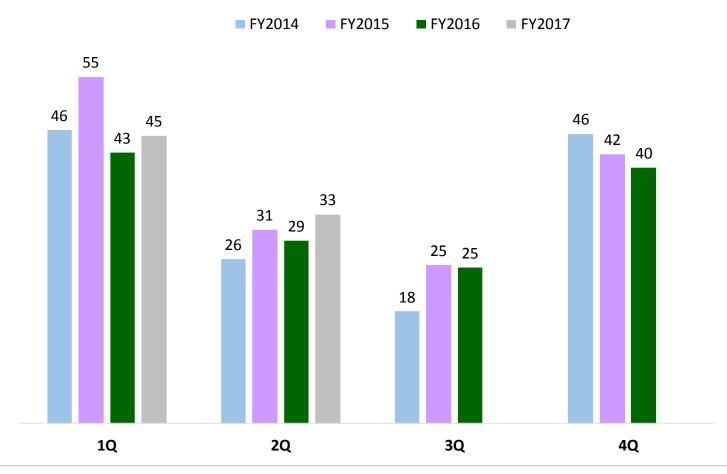


# Hedged Component of Revenues by Quarter





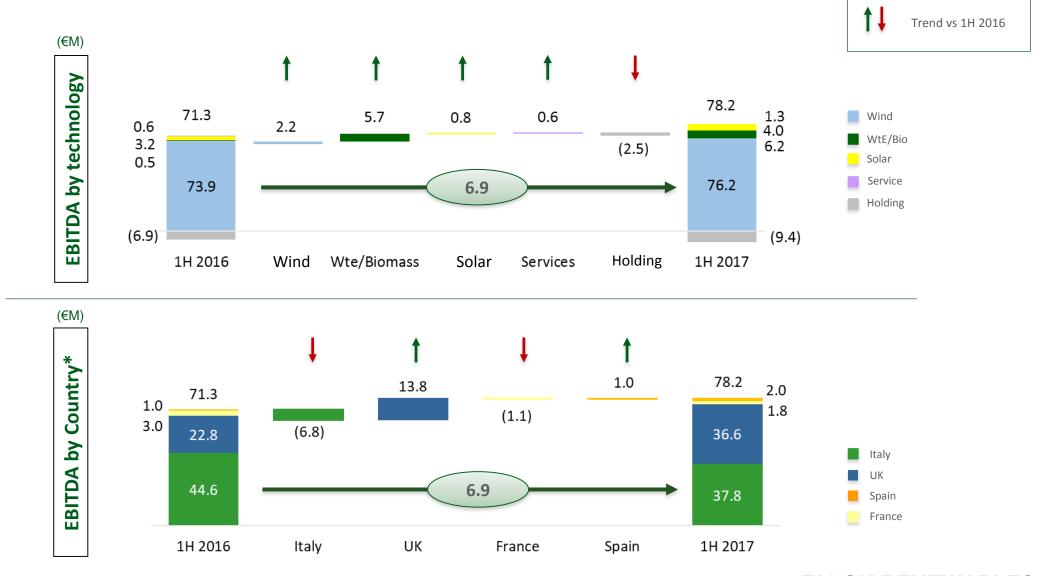
# EBITDA Breakdown by Quarter



1H 2017 EBITDA impacted by weak wind performance in Italy, France and Spain, offset by higher energy prices



## 1H 2017 EBITDA



## 2021 Roadmap: Strategic Priorities to Drive Value Creation









# **Growing in Mature Markets**

- Capitalize on growth in core markets
- Enter select mature markets with strong fundamentals
- Monitor emerging markets for future entry

# Focus Portfolio and Expand Pipeline

- Onshore wind and solar are core of growth strategy
- Explore opportunities in the customer centered clean energy web (distributed generation, storage, software)
- Evolve asset base and expand pipeline

# **Extend Core Services**

- Continue business core service extension
- Enhance service offerings to asset owners and energy users

# **Increase Profitability**

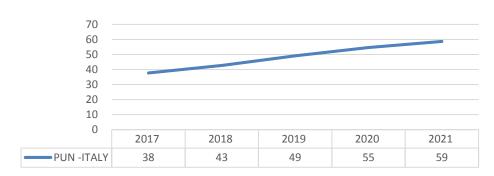
- Employ hands-on approach to maximize revenues and value from full life cycle approach
- Increase efficiencies and extract additional value from existing assets

Increase reach and optionality of our footprint



# Scenario Assumptions

#### **Energy Curve Italy Nominal**



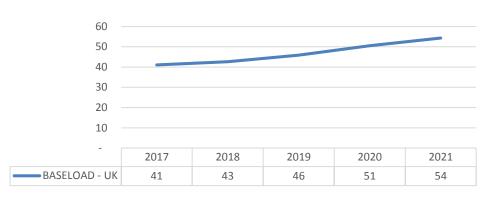
#### **Inflation Scenario**

Inflation	2017	2018	2019	2020	2021
Eurozone	0,90%	1,30%	1,50%	1,70%	1,90%
UK	1,50%	1,75%	2,00%	2,00%	2,00%

#### **Exchange Rate Scenario**

Exchange Rate	2017	2018	<b>20</b> 19	2020	2021
€/£	0,91	0,92	0,93	0,94	0,95
€/\$	1,10	1,10	1,10	1,10	1,10

#### **Energy Curve UK Nominal**



#### **Interest Rate Scenario**

Interest Rates	2017	2018	2019	2020	2021
Euribor 6M	0,00%	0,00%	0,00%	0,00%	0,22%
Libor 6M	0,40%	0,50%	0,50%	0,60%	0,80%

#### **Capex Scenario**

Average Capex 2017-2019 (k€)		
Wind	1.551	
Solar	1.040	

